

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor:		§	
Hidetomo NAGAHARA, et al		§	
		§	
Conf. No.:	Not Yet Assigned	§	Group Art Unit: Not Yet Assigned
		§	
Appln. No.:	Not Yet Assigned	§	Examiner: Not Yet Assigned
		§	
Filing Date:	Herewith	§	Attorney Docket No.: 10407-55US
		§	(A3051MT-US1)
Title:	COMPOSITE PIEZOELECTRIC TRANSDUCER AND METHOD OF FABRICATING THE SAME		

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97(b)

Enclosed are copies of each of the documents listed on the attached Information Disclosure Citation Form(s) PTO/SB/08A and/or B, which may be material to the patentability of this application and/or for which there may be a duty to disclose in accordance with 37 C.F.R. §1.56.

Please note that EP 0 641 606 is the European counterpart of JP 7-107595 cited and discussed at pages 1-2 of the present specification.

The filing of this Information Disclosure Statement shall not be construed as an admission that any of the listed documents constitutes prior art, nor as an admission against interest in any manner.

No fee is believed to be due in connection with the filing of this Information Disclosure Statement since it is being filed within three months of the filing date of the above-identified application. However, the Commissioner is hereby authorized to charge any deficiencies or credit any overpayments to Deposit Account No. 50-1017.

It is respectfully requested that this Information Disclosure Statement and the documents listed on the attached Form PTO/SB/08A and/or B be considered and acknowledged by the Examiner in connection with the above-identified patent application, be made of record therein, and that the listed document(s) be cited in the issued patent.

July 15, 2003
(Date)

Respectfully submitted,

Hidetomo NAGAHARA, et al.

William W. Schwarze

William W. Schwarze

Attorney for Applicant

Registration No. 25,918

Direct Dial: 215-965-1270

E-Mail: wschwarze@akingump.com

Akin Gump Strauss Hauer & Feld LLP
One Commerce Square
2005 Market Street, Suite 2200
Philadelphia, PA 19103
Telephone No.: 215-965-1200
Fax No.: 215-965-1210

Form PTO/SB/08A		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	Not Yet Assigned
		Filing Date	Herewith
		First Named Inventor	Hidetomo NAGAHARA, et al
		Group Art Unit	Not Yet Assigned
		Examiner Name	Not Yet Assigned
Sheet	1	of	2
		Attorney Docket Number	10407-55US(A3051MT-US1)

U.S. PATENT DOCUMENTS			
Exr Initials	U.S. Patent Document		Name of First Inventor of Cited Document
	Number	Kind Code (if known)	
	5,477,098		Eguchi, et al.
	5,717,274		Eguchi, et al.
	2002/0042572	A1	Fukukita
	2003/0127949	A1	Nagahara, et al.

FOREIGN PATENT DOCUMENTS						
Exr Initials	Foreign Patent Document			Name of Applicant of Cited Document	Date of Publication of Cited Document MM-YYYY	T ₁
	Country Code	Number	Kind Code (if known)			
	JP	58-021883	A	Hitachi Medical Corp.	02-1983	A
	JP	60-085699	A	Hitachi Ltd., et al.	05-1985	A
	JP	63-059200	A	Shimadzu Corp.	03-1988	A
	JP	02-051289	A	Sekisui Plastics Co., Ltd.	02-1990	A
	JP	05-347797	A	Matsushita Electric Ind. Co. Ltd.	12-1993	A
	JP	08-088896	A	Hitachi Metals, Ltd.	04-1996	A
	JP	08-088897	A	Hitachi Metals, Ltd.	04-1996	A
	JP	08-088898	A	Hitachi Metals, Ltd.	04-1996	A
	JP	08-256398	A	Olympus Optical Co., Ltd.	10-1996	A
	JP	08-265098	A	Sumitomo Electric Ind. Ltd.	10-1996	A
	JP	10-056690	A	Toshiba Corp.	02-1998	A
	JP	10-285695	A	Olympus Optical Co., Ltd.	10-1998	A
	JP	2000-028595	A	Olympus Optical Co., Ltd., et al.	01-2000	A
	JP	2000-324599	A	Ueda Japan Radio Co., Ltd.	11-2000	A
	JP	2001-025094	A	Tayca Corp.	01-2001	A
	EP	0 641 606	A2	Acuson Corp.	03-1995	A

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Exr Initials	Include Name of first Author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), volume-issue number(s), page(s), date (in parentheses). If a book, also include publisher and city and/or county where published.		
	HIRATA, et al., "Piezocomposite of Fine PZT Rods Realized with Synchrotron Radiation Lithography", <i>IEEE Ultrasonics Symposium</i> , pp. 877-881 (1997).		
	WANG, et al., "Novel Processing of High Aspect Ratio 1-3 Structures of High Density PZT", <i>IEEE</i> , pp. 223-228 (1998).		

Examiner Signature		Date Considered	
---------------------------	--	------------------------	--

T₁ - Place a check mark if complete document is in English; otherwise, place a letter "A" if only an English abstract is attached.